

THE TECH

VOL. XXXIV. No. 79.

BOSTON, MASS., FRIDAY, JANUARY 8, 1915.

PRICE THREE CENTS

TONIGHT! CONCERT AND DANCE

HOST OF BANQUETERS HAVE MERRY FEAST

Electrical Engineering Society Has Jolly Time At Copley Square Hotel.

At 7.15 last evening 70 members of the E. E. Society started the Annual Midyear Dinner in the banquet hall of the Copley Square hotel. The affair lasted two hours and a half and every man present had a thoroughly good time, for during that period no degree of the spirit of good-fellowship was lacking.

After the sumptuous repast was finally finished, smokes were distributed and those present listened for an hour to three really interesting speakers. The first of these was Professor Jackson who, after introduction by Toastmaster K. K. Boynton, first set the assembly laughing over two or three of his well known stories. The speaker then went on to tell facts concerning the president's chair of the A. I. E. E. He named several illustrious men and gradual-

(Continued on Page Six)

OFFICERS CLUB

Military Hop To Be Held Early In February.

At the meeting of the Officers Club Wednesday evening, Major Cole was the first speaker. He gave an interesting outline of the work in the military Department at the Institute since he took up the work four years ago.

Lieutenant Hunsaker, U. S. N., instructor in Aerodynamics at the Institute was the other speaker. He outlined the value of aviation in warfare and showed slides of types of aircraft.

At the business meeting held before the speeches it was decided to petition the Institute committee for representation.

The annual Military Hop of the Cadet Corps will be held at Horticultural Hall, Friday, February 12th. Tickets may be obtained from any of the officers of the Corps or from the freshmen representatives on the committee.

Major Tobey, the president, announced that Captain McCoy, U. S. A., instructor of the Coast Defence Corps around Boston, will be the speaker at the next meeting to be held soon after the Hop.

GLEE CLUB REHEARSAL

There will be a special rehearsal of the Glee Club at 1.30 in Huntington Hall today. Double fines will be imposed on those who are absent.

PROVISIONAL EXAM SCHEDULE PUBLISHED

Subject To Corrections By The Official Institute Schedule.

On the third page of this issue is published a provisional schedule of the mid-year examinations. While this list will correspond substantially to the Registrar's list, which will appear later, there will be some changes made. All students will be expected to obtain the Registrar's official schedule so that they may take note of these changes and obtain the room assignments. It is to be emphasized that the schedule published in this issue is tentative.

FOUR MILE RELAY TEAM

Call For Candidates For This Team Is Issued.

Coach Kanaly issues today a call for candidates for a four man relay team, each man to run one mile. This team is to be an innovation this year, and besides affording indoor work for the cross country men, the team, if of sufficiently high quality, will be allowed to participate in the I. C. A. A. A. Indoor meet in New York on Mar. 6, and probably in the Penn Relay Carnival at Philadelphia on April 24.

Certainly no better opportunity for men of ability exists, than in the two above named meets, and the trips and entertainment alone well repay any college athlete for a season of hard training.

SOCIALIST TO SPEAK.

The Reverend William T. Clark, vicar of the Church of the Ascension in Roxbury, has been secured by the M. I. T. Forum to speak in the Union next Tuesday at 1.30. Dr. Clark is a Socialist by conviction, and since his graduation in 1901 from Brown University, has been active in social service work among the laboring classes in one of the most wretched districts in Boston. He will speak on the subject: "Life, Liberty and the Pursuit of Happiness from the Point of View of Wage Earners." The Forum invites all to attend.

INSTITUTE COMMITTEE

At the meeting yesterday the chief topic was the revision of the Point System. A number of changes were made and the revised list will be published at an early date.

ANNUAL INTERCLASS MEET TOMORROW

Fred Cook Will Try For Mile Record—More Men Needed For Shot Put.

The annual indoor interclass meet will take place tomorrow afternoon at the Gym. This meet is held every winter and no handicaps are allowed. The winner of each event is awarded an ATA and numerals are given to those men who are winners of other places. The relay will wind up the meet and should furnish plenty of excitement. Two teams are chosen, one representing the Seniors and Sophomores running against a team composed of Juniors and freshmen. More men are urgently needed in the shot put as so far the number of entries is far below what it might be. Any man even though he has not

(Continued on Page Six)

TALK ON KEOKUK DAM

H. L. Cooper, Designer, Spoke To Civil Engineers.

Mr. H. L. Cooper, of New York City, the designer of the Keokuk Dam was the speaker at the meeting of the Civil Engineering Society yesterday afternoon. He described the construction of the dam and made some comparisons of the locks with those of the Panama Canal. The coffer dam is 25 feet 6 inches high. The locks have a greater lift than those of the Panama Canal but the draft of the latter is greater and consequently the gates are larger than those of the Keokuk Dam. This work is Mr. Cooper's latest construction. He gave great credit to Stone & Webster who were the contractors. The power station consists of several units each developing 10,000 H. P. They can be run separately or coupled together in any manner desired.

At the beginning of his talk Mr. Cooper said that a good knowledge of business principles and an ability to speak well in public were very desirable qualities. He also emphasized the fact that too much boasting of one's accomplishments was bad taste and created a poor impression.

COSMOPOLITAN CLUB

An informal dinner will be given by the Cosmopolitan Club next Thursday evening in the Union at 6 o'clock. Speakers have been secured who will expound cosmopolitanism, so all who attend are assured a delightful time. Those who are coming kindly leave word at the Cage for R. Beaver.

SUCCESS PROMISED FOR CONCERT AND DANCE

Tickets Nearly Gone For Tonight — Hawaiian Quartet On Program.

Tickets for the dance and the concert by the combined musical clubs tonight are selling rapidly and the demand has been increasing steadily up to today, so that a large crowd is expected.

The program is the same as that given at the winter concert before Christmas and abounds in lively music and Tech songs, sung and played in a way that will make Tech men sit up and take notice. Among the special features offered by the musical clubs is the Hawaiian Quartet, which has been repeatedly called back at the concerts which have been given thus far this year. The quartet consists of I. B. McDaniel, '15; R. H. Wells, '18; K. T. King, '15, and C. E. Howlett, '16. Of these McDaniel and King need no introduction to Tech students. Besides singing Hawaiian songs in the native tongue, this quartet offers such popular music as the Technology Rag, etc.

Other features are the instrumental trio, composed of a piano, flute and cello; a reader with a good stock of dialect pieces, and a banjo quartet which plays only the fastest and liveliest of music. The affair will be quite informal and the management

(Continued on Page Six)

FRESHMAN PIPES

There seems to be some misunderstanding about the freshman pipes, so the committee in charge wishes to announce that all freshmen are permitted to smoke the pipes whether they represented the class on Field Day or not. The pipes which are on sale at the Union now are one dollar cheaper than any place in the city, so now is the time to buy one.

All orders must be in at the Cage by Wednesday noon, January 13th.

CALENDAR

Friday, January 8, 1915.

1.10—M. I. T. A. A. Picture. Notman's.

1.30—Glee Club Rehearsal. Huntington Hall.

4.00—Show Lyrics Due. Show Office.

8.00—Musical Club Concert and Dance. Huntington Hall and Union.

Saturday, January 9, 1915.

1.05—Hockey Team leaves Back Bay Station.

1.45—Musical Club Concert at Simons College.

8.00—Indoor Meet. Gym.

INTERCLASS MEET 2.30 SATURDAY

THE TECH

Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

Published tri-weekly during the college year by students of the Massachusetts Institute of Technology.

MANAGING BOARD

A. H. Waitt, '15.....General Manager
E. A. Weaver, '15.....Editor-in-Chief
E. F. Hewins, '16.....Managing Editor
S. Keith, '16.....Advertising Manager
W. T. Krieszner, '18.....Circulation Mgr.
H. P. Claussen, '16.....Treasurer

NEWS BOARD

H. E. Lobdell, '17.....Asst. Man. Editor
J. M. DeBell, '17.....Institute Editor
B. N. Stinnes, '16.....Assistant
J. G. Fairfield, '16.....Societies Editor
H. P. Gray, '18.....Athletic Editor
G. H. Stebbins, '17.....Assistant

NEWS STAFF

W. F. Johnson, '17.....A. D. Nute, '17
A. E. Keating, '17.....E. W. Rounds, '17
H. N. Keene, '17.....F. A. Stearns, '17
R. B. McDonald, '17.....A. P. Sullivan, '17
D. E. Bell, '17.....K. M. Lane, '17
A. H. Wenzel, '17.....J. W. Damon, '18
B. A. Thresher, '18.....F. A. Birmingham, '18

BUSINESS STAFF

F. H. Wells, '18

Office, 42 Trinity Place.
Phone—Back Bay 5527 or 2180.
Night Phone—Back Bay 5527.

OFFICE HOURS

(Daily except Saturday)
General Manager 5.30 to 6.00 P. M.
Managing Editor 6.30 to 7.30 P. M.
Advertising Manager 5.00 to 5.30 P. M.
Treasurer 5.00 to 6.00 P. M.

Subscriptions, \$1.50 per year, in advance. Single copies, 3 cents.

Subscriptions within the Boston Postal District, and outside of the United States, must be accompanied by postage at the rate of one cent a copy.

FRIDAY, JANUARY 8, 1915

IN CHARGE OF THIS ISSUE.

Editor: W. F. Johnson, '17
Associate: H. N. Keene, '17
Assistants: D. E. Bell, '17; B. A. Thresher, '18; J. C. Purves, '18.

The Tech wishes to call attention to the fact that the exam schedule published in this issue is only provisional and is subject to complete correction and revision in the schedule to be issued from the office in a week or so, and to later corrections by bulletin.

We also wish to thank Mr. Walter Humphreys for the courtesy extended in permitting The Tech to publish this provisional schedule.

As the result of a conference between officers of the Athletic Advisory Council and of The Tech, increased effort is to be made on both sides to promote co-operation between the Institute's athletics and its organ of publicity. Both have been inconvenienced by the lack of a uniform system of handling athletic news en route from the teams to the readers of the paper. As it is ordinarily impossible for a reporter to give as good an account of an athletic event as could be furnished by a member of the team concerned, the Advisory Council has determined to request the appointment of a special publicity representative from each team, who shall be responsible for furnishing complete and accurate information of all its events and whose reports will receive special consideration from the editors. Besides this, the meetings of the Association are to be reported

COLLEGE NEWS

The Carnegie Peace Endowment Fund has inaugurated a campaign among the leading colleges of the country, for the better understanding of international relations. A squad of college graduates will be sent about among the different colleges, to organize "International Polity Clubs." These clubs will study the fundamental causes of the European War, with a view to determining what sort of political reconstruction is necessary to prevent the repetition of such an occurrence.

These Polity clubs already exist in the Universities of Oxford, Cambridge, and Manchester, England, and have recently been established at Yale, Harvard, Princeton, Columbia and Cornell. A prize of \$100 is offered to that member of one of the clubs, who writes the best essay on the subject, "Moral and Material Factors in International Affairs."

A London dispatch states that at Cambridge University, all athletics, both of a major and minor sort have been entirely suspended, and the men spend five afternoons a week attending the army officers school.

With the purpose of forming a valuable working library for the use of future historians of the present war, the library forces of Harvard are engaged in collecting all the available data on the subject, such as war maps from various sources, books that appear in connection with the conflict, files of papers from the war zone, and from neutral countries, and the official dispatches of the belligerent nations. The foreign journals are looked upon as the most important single source of such news; the library is collecting English, French and German papers, notes and periodicals brought over by the members of the American colonies in several German and Swiss cities.

M. I. T. A. A.

Owing to a mistake of the Secretary, the next meeting of the Athletic Association will not be held on the 12th of this month but on Tuesday, the 19th.

in person by an editor of The Tech. Although there has existed for years a cordial willingness on both sides to co-operate, it has never found expression in such practical measures for mutual benefit. In view of the greater necessity for co-operation which will exist at the new site this development is particularly desirable, and we hope and believe it will be enthusiastically carried out on both sides.

The sudden activity of the freshman and Sophomore treasurers exonerates them from the charge made in our last issue, and shows them both to possess the rare quality of willingness to take suggestions.

THAR'S mo' luck in findin' opportunities than fo' leaf clovers. But even a opportunity is just the raw material for you to make something out of. Even Kentucky's best tobacco has to be made into VELVET.

Velvet Joe



It is the two years' ageing which Kentucky's *Barley de Luxe* receives that gives that aged-in-the-wood mellowness to VELVET. The Smoothest Smoking Tobacco. 10c tins and 5c metal-lined bags.

Liggett & Myers Tobacco Co.

Students' Clothes

J. C. LITTLEFIELD

High Class Tailor

12 BEACON STREET

Evening Clothes a Specialty

41 ST. BOTOLPH ST.
Just the Place to Board!

MEAL TICKETS \$4.50
Room and Board \$6 to \$11

A. H. BOBIS



THE SMOOTH WRITING PEN

Sold at
A. D. MacLachlan
502 Boylston St.

SATISFACTION AND REAL ECONOMY

ARE THE RESULTS OBTAINED IN BUYING THE

BEST OF MEATS AND PROVISIONS

YOU CAN ALWAYS GET THAT KIND OF

WESTON—THURSTON COMPANY

Stalls 20, 22, 24, New Faneuil Hall Market

BOSTON, MASS.

Richmond, 540

—TEL—

Richmond, 521

With three offices, conveniently located in different sections of Boston, the Old Colony Trust Company offers exceptional banking facilities for Technology men. Modern safe deposit vaults at all offices.



MAIN OFFICE
17 COURT STREET
TEMPLE PLACE BRANCH
52 TEMPLE PLACE

BAY STATE BRANCH
222 BOYLSTON STREET

Provisional Schedule of Semi-Annual Examinations, 1915

Subject to Correction by Bulletin.

FRIDAY, JANUARY 22, 1915.

Alternating Current Machinery	621.
Year 4.	Time 9-12
Alternating Current Machinery	623.
Year 4, G.	Time 9-12
Applied Chemistry	585.
Year 2.	Time 9-11
Descript. Geometry	D15.
Year 1.	Time 9-12
Electrical Engineering, Elements of	617.
Year 4.	Time 9-11
Food Analysis	Advanced 526.
Year 4.	Time 1.30-3.30
Industrial Hygiene	752.
Year 4.	Time 9-11
Metallurgy	331.
Year 4.	Time 9-12
Military Science	20, 21.
Year 1.	Time 1.30-3.30
Organic Chemistry	II. 552.
Year G.	Time 9-12
Physics	802.
Year 3.	Time 9-11
Political Economy	Ec. 31.
Year 2, 3, 4.	Time 1.30-3.30
Qualitative Analysis	511.
Year 2.	Time 9-12
Quantitative Analysis	512.
Year 2.	Time 9-12
Spherical Trigon.	M20.
Year 2.	Time 1.30-3.30
Structures	149.
Year 4.	Time 9-12
Structures	151.
Year 4.	Time 9-12
Ventilation and Drainage	1333.
Year 4.	Time 9-12

SATURDAY, JANUARY 23, 1915.

Chemistry	501.
Year 1.	Time 9-12
Electrochemistry	882.
Year 4.	Time 9-12
English	E20.
Year 2.	Time 1.30-3.30
English Literature	E21.
Year 2.	Time 1.30-3.30
Heating and Ventilation	256.
Year 3.	Time 1.30-3.30
Machine Design	276.
Year 4.	Time 9-11
Mining Engineering	302.
Year 3.	Time 9-12
Tech. Elec. Meas.	662; & Tech. Elec. Meas. Lab.
Year 4.	Time 9-12
Theoretical Biology	780.
Year 4.	Time 1.30-3.30
Theoretical Chemistry	I. 565.
Year 3, 4.	Time 9-12
Theoretical Chemistry	II. 566.
Year 4, G.	Time 9-12
Theory of Warship Design	1311.
Year 3.	Time 9-12
Theory of Warship Design	1312.
Year 4.	Time 9-12
Theory of Warship Design	1313.
Year G.	Time 9-12

MONDAY, JANUARY 25, 1915.

Applied Mechanics	229.
-------------------	------

**The Tech Has
Moore and Waterman
Fountain Pens
For Sale**

CLASS PIPES

SCHRYVER'S SEGAR STORE

44 School Street, Boston

We carry the
B. B. B., S. S. S., G. B. D.,
etc. pipes in all styles

10 PERCENT DISCOUNT TO TECH STUDENTS.

Biology, General	701.
Year 2.	Time 1.30-3.30
Demography	190 and Vital Statistics
Ec.	66.
Desc. Geometry	D21.
Year 2 & Coll. class.	Time 1.30-4.30
Desc. Geometry	D23.
Year 2 & Coll. class.	Time 1.30-4.30
Electric Light and Tr. of Power	633.
Year 4.	Time 9-12
English, Entrance.	Time 1.30-3.30
English Bible	E33.
Year 3.	Time 1.30-3.30
English Lit. of 18th Cent.	E31.
European Civ. and Art	H33.
Year 2.	Time 9-12
European Civ. and Art	H33.
Year 3, 4.	Time 9-12
Geometry, Solid, Entrance.	Time 9-11
Heat Engineering	245.
Year 3.	Time 9-12
Hydraulics	162.
Year 4.	Time 9-12
Mining Engineering	303.
Year 4.	Time 9-12
Minor Metals	343.
Year G.	Time 9-11
Proximate Technical Anal.	530.
Year 4.	Time 9-11
Sugar Analysis	527.
Year 4.	Time 9-11

TUESDAY, JANUARY 26, 1915.	
Applied Mechanics	215, III, X; 216, II, XIII, XIII-A, XIII-B; 217, I, XI; 218, VI; 219, IV(1); 220, IV(2).
Year 3.	Time 9-12
Biology of Infectious Diseases	735.
Year 4.	Time 1.30-3.30
Fire Assaying	322.
Year 3.	Time 1.30-3.30
German, Advanced	L31, V, VII, VIII (12); L32, VIII(3), XIV; L33, VI, X, XV, L34, I, III, XI; L35, II.
Year 2.	Time 1.30-3.30
Heat Engineering	245.
Year 4.	Time 9-11
Hydraulics	163, X, XIII.
Year 4.	Time 9-12
Hydraulics	164, II, VI, XIII(B).
Year 4.	Time 9-12
Mathematics	M11.
Year 1.	Time 9-12
Professional Relations	422.
Year 4.	Time 1.30-3.30
Quantitative Analysis	514.
Year 3.	Time 1.30-4.30
Railroad Engineering	125.
Year 4.	Time 9-12
Theoretical Physics	II. 842.
Year 4.	Time 9-12
Vertebrate Anatomy	710.
Year 3.	Time 9-12
Water Supply and Wastes Disposal	522.
Year 4.	Time 1.30-3.30

WEDNESDAY, JANUARY 27, 1915.

Applied Mechanics	230.
Year 4.	Time 9-12
Central Stations	637.
Year 4.	Time 9-12
Dynamics of Mach.	243.
Year 4.	Time 9-12
Electrical Engineering, Prin. of	611.
Year 3, 4.	Time 9-12
European Civilization and Art	H34.
Year 4.	Time 1.30-4.30
European Civ. and Art	H35.

ENTRANCE CONDITION EXAMINATIONS, ALL SPECIAL EXAMINATIONS GRANTED BY THE FACULTY AND ALL EXAMINATIONS POSTPONED FROM SEPTEMBER ARE TO BE TAKEN AT THIS TIME, UNLESS OTHERWISE SPECIALLY AUTHORIZED. STUDENTS IDENTIFIED TO EXAMINATIONS NOT ON THIS SCHEDULE AND THOSE HAVING TWO EXAMINATIONS ON THE SAME DAY SHOULD HAND IN ONE OF THE SCHEDULES ISSUED BY THE INSTITUTE, WHICH WILL BE OUT WITHIN THE NEXT FEW DAYS, CHECKED FOR ALL THEIR EXAMINATIONS NOT LATER THAN JANUARY EIGHTEENTH. ASSIGNMENTS FOR SPECIAL EXAMINATIONS AND NEW APPOINTMENTS FOR CONFLICTS WILL BE MAILED TO STUDENTS ON WEDNESDAY, JANUARY 20. NONE CAN BE ARRANGED LATER.

REPORTS WILL BE MAILED TO STUDENTS OF AGE AND TO OTHERS NOT LIVING AT HOME TO THE TERM RESIDENCE, ALSO TO THE PARENTS OR GUARDIANS OF STUDENTS NOT OF AGE. NONE CAN BE GIVEN OUT VERBALLY. REQUESTS FOR DUPLICATES WILL BE RECEIVED UNTIL JANUARY 21.

For the Faculty Committee on Examinations.

Walter Humphreys, Registrar.

Last exercises will be held January 21st.

Year 4.

Time 9-12

Geometry, Plane, Entrance.

Time 1.30-3.30

Heat Engineering

247.

Year 4.

Time 9-12

Industrial Chemistry

I. 575.

Year 4.

Time 1.30-3.30

Petrography

1215 and Petrography,

Adv. 1225.

Year 4.

Time 9-11

Physics

801.

Year 2.

Time 9-12

Surveying, Advanced

109.

Year 3.

Time 1.30-3.30

Theoretical Physics

I. 841.

Year 3.

Time 9-12

Trigonometry, Plane

M10.

Year 1.

Time 9-12

THURSDAY, JANUARY 28, 1915.

Algebra A, Entrance.

Time 9-11

Bacteriology, Adv.

734.

Year 4.

Time 1.30-3.30

Bridge Design

153.

Year 4.

Time 9-12

Economic Geology

1253.

Year 4.

Time 9-12

Elec. Light. and Wiring of Buildings

651.

Year 4.

Time 1.30-3.30

French I, Entrance.

Time 1.30-3.30

French II, M21.

Year 2.

Time 9-12

Naval Architecture

1302.

Year 4.

Time 9-12

Naval Architecture

1301.

Year 3.

Time 9-12

Organic Chemistry

I. 551.

Year 4.

Time 9-12

Quantitative Analysis

513.

Year 3.

Time 1.30-4.30

Railroad Engineering

121.

Year 3.

Time 9-12

Reinforced Concrete

158.

Year G.

Time 9-12

Structural Design

154.

Year 4.

Time 9-12

SATURDAY, JANUARY 30, 1915.

Algebra B, Entrance.

Time 9-11

Biology, Elements of

702.

Year 3.

Time 9-11

Desc. Geom. D15, D16, College Class.

Time 9-12

Food Analysis

McMORROW

College Shoes FOR College Men

238 Washington Street
BOSTON, MASS.
Opposite Thompson's Spa

L. PINKOS
College Tailor

338 Washington St.
Boston, Mass.

Harvard Square
Cambridge, Mass.

SPECIAL ANNOUNCEMENT

My annual marked down sale is now on.
All SUITS and OVERCOATS reduced
from 15 to 25% off regular prices.

This is a good chance for you to secure
a first-class suit at a very low price.

CALL AND EXAMINE

L. PINKOS, TAILOR

TECHNOLOGY'S TRACK PROSPECTS BRIGHT

Outlook Is More Promising Than It Has Been For The Past Several Years.

It is expected that track sports here at Technology will become quite active owing to the fact that the Christmas vacation is over and that there are several meets scheduled for the coming season. The management has decided to enter a team in all the indoor meets despite its usual custom and this fact alone should increase the interest in the sport and bring it back to the old standard. A few years ago the relay team won every race it was entered in and wound up a most successful season by defeating both Harvard and Cornell at New York for the intercollegiate quarter mile of America.

Coach Kanaly has had the men training for several weeks before vacation and most of the men, especially the candidates for the relay team, have kept themselves in training during the vacation so that the squad is in good condition.

As usual the relay will be the feature and attract the greatest attention. Although C. E. Fox and T. H. Guething, the fastest men on last year's short relay, have been lost by graduation it is expected that able substitutes can be found. There is a variety of good material to select from both from those who failed to make the team last year and from the freshman class, which has an abundance of good track men. K. Dean will again be a candidate for the team and as his work last season was exceptional his improvement is expected to start from that point this year.

C. T. Guething will, to a certain extent, make up for the loss of his brother and in the first trial meet of the season broke the Technology record for relay distance. Owing to the fact that he ran in the long relay last year he was not available for the short relay.

Bill Colleary, the former Holy Cross star, is another man who will bear a lot of watching. He was a member of the team which out ran Georgetown at the B. A. A. games two years ago. Among the freshmen the most likely candidates are J. M. Avery, C. I. Justheim and K. Reid. Besides these men there are last year's substitutes and several men of last year's long relay team, which the management has decided to eliminate this season, out for the team.

The other field events will have a lot of aspirants. Capt. Cook, the New England intercollegiate two miler, is expected to continue his good work and Benson who was recently elected captain of the cross country team is also showing up remarkably well. Brown is also a strong runner. This is shown by the fact that as a member of the Irish American club he finished second to J. Power of the B. A. A. at the New England championships last season.

The candidates for field events are somewhat handicapped in having to do all their work in the Gym but they have been exceedingly fortunate in securing the services of Buck, the old

TECHNOLOGY SEVEN TO PLAY AT PROVIDENCE

Former Princeton Men On Rhode Island Team — Game Depends On Weather.

Providing the ice is in good condition at Providence, the Tech Hockey Team will take the 1.05 train from Back Bay station tomorrow afternoon for that city. The Providence seven is composed of former stars from other teams, and it is very evident that the Tech Team will have a hard game. Reed, the Captain of the Rhode Island team, was a former Princeton player and MacCall, one of Reed's teammates, also played with Princeton. Payne who once played for Tech is now with the Providence team and together with the Dandene Brothers, constitute a team which will be hard to defeat.

The whole Tech squad is in good condition, and since the services of Denishaw have been secured as coach, high expectations are held. Denishaw was a former player on the Irish-American team before becoming a professional coach, and last year he coached the Amherst seven.

Manager MacRae will post a notice on the Bulletin Board by eleven o'clock tomorrow morning whether there will be a game, and if the ice is favorable, the following men will take the trip: Fletcher, Bakewell, Gould, Cochrane, Woodward, Sawyer, Coward, Keeler and Winton.

RELAY TRIALS

Poor Showing Compared With Last Year in 390-Yards.

The preliminary time trials for the 390-yd. relay team, held at the Gym Wednesday, were much slower than those of last year. The first three men in last year's trials made faster times than Guething, who finished first this year. This result is not at all what had been expected and a great deal of work on the part of several men is necessary before a fast team is turned out. O'Hara and Adams, who should both make the team, failed to come through. Coach Kanaly attributes the disappointing outcome of the trials to lack of interest in the work and neglect of training. These are, however, only preliminary, and in the week remaining before the finals on Saturday, January 16th, the men are expected to improve their showing considerably. The first ten men finished in the following order: C. T. Guething, M. C. Brock, W. B. Colleary, C. S. Reed, F. P. O'Hara, C. W. Loomis, W. E. Adams, K. Dean, J. W. Doon and H. Allan.

Dartmouth all-around athlete, who is now a student here at the Institute. The shot put is the only event in which Technology appears to be weak, so it is up to the large men to come out and try for a place in the event.

Although a full schedule has not been announced it will probably include all the local meets as well as one or two in Providence and one or two in New York.

Stone & Webster

CHARLES A. STONE, '88
RUSSELL ROBB, '88
ELIOT WADSWORTH, '91
JOHN W. HALLOWELL
EDWIN S. WEBSTER '88
HENRY G. BRADLEY '91
DWIGHT P. ROBINSON '92

**SECURITIES OF
PUBLIC SERVICE CORPORATIONS****STONE & WEBSTER
ENGINEERING CORPORATION
CONSTRUCTING ENGINEERS****STONE & WEBSTER
MANAGEMENT ASSOCIATION
GENERAL MANAGERS OF
PUBLIC SERVICE CORPORATIONS**

147 MILK STREET, BOSTON
NEW YORK CHICAGO

*Needn't be
careful with
Moore's*

'Course not—Moore's is a pen to work with—not to nurse. Use it any way you like—carry it any way you like—tucked in a book or dropped in a purse—it's SAFE anyway. For it's the original "won't leak" pen.

Starts writing at a touch—and shuts up bottle-tight when you close it. Always writes R.I.G.H.T. See the 127 styles, \$2.50 up.

At College Bookstores
and all Dealers

American Fountain Pen Co., Mts.
Adams, Cushing & Foster, Selling Agts.
600 Devonshire St., Boston, Mass.

Moore's won't leak

Richards School of Dancing
30 HUNTINGTON AVE.

Huntington Chambers
Classes Mon., Wed., and Fri.
Class and Orchestra, Sat., 8 O'clock
Private lessons by appointment
Tel. B. B. 6060

**DINE AT THE
Winter Garden
HOTEL WESTMINSTER**

Special attractions every evening before and after the theatre. Continuous music. Singing.

**TECH SHOW MUSIC**

Songs Are Due At Show Office
This Afternoon At 4.00.

The Tech Show lyrics, which have now been out more than two weeks, are due to be handed in this afternoon, with whatever music has been written for them. All men who have done anything in this line should bring in the results of their work to the Tech Show office at 4.00 P. M. The time allowed has been long enough to permit satisfactory music to be written, but the management urges that men bring in what they have done, even if it is incomplete, and seems unsatisfactory to them.

The first call for candidates for the Show orchestra was issued yesterday. A meeting was held, and a list of men taken, with the instruments which they play. The chief requirements at present were found to be a cello, oboe, bass viol, clarinets, and a good drummer.

Rehearsals for this department of the Show begin immediately after the first week of the second term. Mr. William Howard will be in charge. Mr. Howard's experience fits him especially for the position he holds with this year's Show, as he has conducted many important concerts held in various parts of New England, and has been for five years the conductor of the Boston municipal concerts. It is Mr. Howard's urgent request that all old men on the orchestra report, as well as any others who are able to play any orchestral instrument.

SEAMEN ASHORE

Sailors' Haven Superintendent Speaks At Union.

"Seamen Ashore" was the topic of Mr. Stanton King, Superintendent of the Sailors' Haven, Charlestown, who spoke at the Union yesterday. Mr. King commenced his lecture by describing the unfavorable conditions under which a sailor lives. A sailor is in no way a free man, he lives on a ship which is practically a prison, his quarters are small and unhealthy, and he may be arrested for refusing to work. As a result there are very few seamen who are natives of America.

To aid the sailor ashore the Sailors' Haven was founded. It is strictly non-sectarian and cosmopolitan. There is a simple service Sunday evenings which is well attended. Its cosmopolitan character is shown by its helping stranded German sailors in spite of opposition.

Mr. King then changed his subject to the Boatswain's Locker, a substation of the Sailors' Haven. This is a reading room which has just been founded. It is greatly in need of helpers and the services of any Institute men would be appreciated. Mr. King added that this would be a very valuable experience particularly for anyone who was likely to have anything to do with maritime legislation.

**See The Tech
FOR
Clothes Trade**

IN maintaining an exclusive foot-wear standard we appeal directly to the discriminating man who demands that his shoes reflect the newest style, combined with absolute comfort and serviceability

**COES AND YOUNG CO
20 SCHOOL STREET****A Note From the "Old Man"**

"Moses Wiseman, who owns our office building, says his son at college saves him a lot of money by watching the Mark Down Sales at this season, and just wrote him about Burke, the Tailor, almost giving clothes away at his sale now on. 'Go to it.' You're an expensive kid anyway, and try to save ME some money."

BURKE & CO., Inc.**TAILORS**

18 School St., Boston. 1246 Massachusetts Ave., Cambridge.

EIMER & AMEND

Headquarters for

**Chemicals, Chemical
Apparatus, Minerals, Etc.**

WE CARRY THE LARGEST STOCK OF
LABORATORY SUPPLIES IN THE U. S.

First Quality Supplies Only Prompt Service

Our European connections are such that we are enabled to offer you the best services for duty free importations on scientific supplies at the lowest prices.

Analytical Balances and Weights.
ONE OF OUR LEADING SPECIALTIES

ESTD - 1851
203-211-THIRD-AVE
NEW-YORK-CITY

HOTEL CUMBERLAND

NEW YORK

Broadway, at Fifty fourth St.
"Broadway" Cars from Grand Central
Depot

Kept by a College Man
Headquarters for College Men
Ten Minutes' Walk to Forty Theatres.
Rooms with Bath \$2.50 and up.
Special Rates for College Teams and
Students

HARRY P. STIMSON, Manager
The Cumberland does more College
Business than any other Hotel in
New York
HEADQUARTERS FOR TECH



The Original
TECH BARBER SHOP
At 22 Huntington Ave.
OVER HAYES' DAIRY LUNCH
Old Established Dining Room

Cuban Cigar Store
CLASS PIPES A SPECIALTY
TWO STORES
993 Boylston Street
42 Huntington Avenue

ITALIAN
Restaurant
TABLE d'HOËTE
DINNER 5 to 8.30
A LA CARTE
STRICTLY ITALIAN CUISINE
Italian Wines Music
BOYLSTON PLACE
Near Colonial Theatre
Tel. Oxford 2942 BOSTON, MASS.



AUTHORITATIVE AND
DISTINCTIVE
STATIONERY
Commencement and Class Day
Invitations—Visiting Cards—
Programs—Menus—Monogram
and Address Dies—
Fraternity Stationery
57-61 Franklin Street

INTERCLASS MEET
(Continued from Page One)

come out for practice is eligible to compete and this ought to be an incentive to those men who never have come out for the sport to show a little interest.

Points will be reckoned by classes. Owing to the fact that this year the support of athletics comes from the students it is urgently requested that the student body come out to this meet and show by their presence at least that they are interested, and thus help to meet expenses.

GYM TEAM PRACTICE

Captain Mendelsohn of the Gym Team wishes all men to report at 5 o'clock at the Gym today for practice. There will also be a meeting of the men on the team at 5 o'clock on Monday preceding the regular practice. At this time the Manager will give a brief outline of the exhibitions and meets arranged for the coming year.

High Grade Anthracite Coal

for Domestic Use.

Our Crozer-Pocahontas Bituminous supplied to the Institute.

CHARLES W. YORK CO.
50 Congress St., Boston.

*Young Mens Hats
for Every Occasion*

COLLINS & FAIRBANKS COMPANY
383 WASHINGTON STREET — BOSTON

Photographs at Special Rates

FOR TECH MEN

NOTMAN, 3 Park Street

PORTRAITS AND GROUPS

CONCERT (Continued from Page One)

requests that the audience join in on the choruses of all the Tech Songs.

The concert will commence at eight o'clock sharp tonight, and will be over at about nine-forty-five, to allow the dancing to begin at ten. The dance will be held in the Union, in both the upper and lower rooms at once. Music will be furnished by the Chateau orchestra.

The management wishes to state that the recently published statement to the effect that this concert will take the place of last year's "Yishka-Bibble" is not correct. The concert tonight is a rather new departure, and the proceeds will be used to defray the expenses of the mid-year trip, while those of the dance will be used by the Institute Committee for the benefit of undergraduate activities in general. Tickets may be obtained from members of the musical clubs, and Institute Committee, or at the Cage. The price for the concert alone is twenty-five cents, and that for the two events is seventy-five cents. Members of the musical clubs are expected to wear full dress.

CONCERT AT SIMMONS

Tomorrow evening the Combined Musical Clubs will give a concert at Simmons College at the Refectory and it will be under the auspices of the Ohio Club of which Miss Dorothy Throssell is president. Dancing will follow the concert and all the men on the clubs are invited. The program will be the same as the program which was given at the Winter Concert. As the Concert is scheduled to start at 7.45, every man must be there by 7.30. To get to Simmons College take any Chestnut Hill car and get off at Short street.

MANDOLIN, BANJO, GUITAR

Correct Lessons and Instruments

G. L. LANSING,
STUDIO, 170A TREMONT ST.
Coach of M. I. T. Mandolin and
Banjo Clubs for 15 years.

**THE CLOTH TOP
BOOT**
IS THE FEATURE OF THE SEASON



SHOES FOR MEN

THAYER McNEIL
COMPANY

15 West St. 47 Temple Place

LIFE INSURANCE
New England Mutual Life
Insurance Co.

ALDEN H. WAITT, '14, Agent

opportunities of congregating to promote fellowship in scientific bodies such as the professional societies. At the close of the talk a regular "M. I. T." was given to Mr. Lincoln, who was then personally introduced to a number of the men present.

Students' Laundry Work

I am prepared to do plain laundry work at a reasonable price. I will call for and deliver the work at the cage. Apply to

R. A. GREENE

The Cage, Tech Union

Students' Cast-Off Clothing
and other personal effects
bought by

KEEZER

360 Columbus Avenue
Near Dartmouth St.

Highest prices paid for same
Phone, Write or Call.
Open Evenings to 9 o'clock
B. B. 6843

FURNISHED ROOM.

Homelike sunny room, also square room with running water. 45 St. Bolph street.